

**ABSTRACT**

To reduce hydrocarbons existing inside the inner space of a PDP to thereby realize a PDP providing a high-quality picture and having a long life.

5       A catalyst reacting with hydrocarbons is provided on protective layer (8) formed on front panel (1) and barrier ribs (12), phosphor layers (13), and base dielectric layer (11) formed on back panel (2), in an exposed manner to the inner space of the PDP, so that the hydrocarbons are oxidized or decomposed by the catalytic activity of the catalyst with the hydrocarbons.